CHIROPRACTIC vs. MEDICINE

BOSTON MEDICAL LIBRARY
in the Francis A. Countway
Library of Medicine ~ *Boston*

Chiropractic *vs.* Medicine

or

Is Chiropractic in Accord with the Latest Results of Scientific Research?

By

Dr. med. JOSEF MOEHRINGER

Freiburg, Germany

Published by

THE NATIONAL SCHOOL OF CHIROPRACTIC

1553 W. Madison St., Chicago, U. S. A.

Copyright, 1914,

By National School of Chiropractic

Digitized by the Internet Archive
in 2010 with funding from
Open Knowledge Commons and Harvard Medical School

http://www.archive.org/details/chiropracticvsme00moeh

Introduction

The purpose of this present work is to show, in brief outline, how America's latest discovery, Chiropractic, may be brought into full accord with the latest researches in natural science.

A rapid historical glance at the latest status of biology shows that the hitherto accepted principles of this branch of the natural sciences have practically been abandoned.

Furthermore, the difference between physics and chemistry is being wiped out, and physical chemistry is a term used more and more.

It is the opinion of most of the eminent biologists of the present time that the phenomena of life can be explained upon a physico-chemical basis. At the present moment the researches into the so-called*[1] "colloidal" solutions are being pursued very assiduously. It seems that a working theory of life, as far as that

---

*1. "Colloids" are semi-solid substances resembling jelly or glue, as for instance albumin. They are capable of but slow diffusion, or of penetrating membranes but slowly. Substances such as salt, sugar, etc., which diffuse readily through such membranes, are called "crystalloids."

is possible, can only be developed in proportion to the progress which is being made in the study of these colloids. It does appear, at any rate, as though these studies would have great bearing upon the p r o g r e s s made in biological science, whether the final goal will thereby be reached, or not. The connection b e t w e e n these fundamental facts and the purposes of this book will appear as the reader progresses.

The Scientific Basis of Chiropractic

Chiropractic is based upon the anatomical fact that forty-three pairs of nerves pass from the brain and spinal cord, through the openings in the skull and the vertebral column, into the different organs of the body, and that the subdivisions continue through the sympathetic ganglions, and thus reach all parts of the human body.

Furthermore, Chiropractic r e s t s upon the physiological precept that the organs of the body are dependent upon the central nervous system to

such an extent that the nerves regulate the functions of all the organs. A normal function of the nerves would mean, therefore, a normal function of the organs of the body. Every disturbed, abnormal function of the nerves calls forth a disturbance in the respective organs, and this disturbance means sickness.

Upon these facts Chiropractic erects the following maxim: In the obliteration of the disturbance of nerve function and the re-establishment of normal function lies the spontaneous cure of disease, or the diseased organs to which these nerves are distributed.

This rule, or maxim, is the most natural and most sensible explanation of the above-mentioned scientific

premises, and becomes, therefore, a scientific axiom.

Chiropractic, by means of certain adjustments more fully explained later, seeks to **remove the cause** of disease processes in the organs, whereas allopathy, which, by the way, claims for itself the only scientific method of healing, treats the diseased organ. I ask: Which is more scientific and more natural? Allopathy or Chiropractic? The answer to this question is so easy that I will leave it to the reader without fear of a wrong solution.

The basis of Chiropractic in the care of disease processes is so different from all other systems of healing, that this science has no relation to present-day medicine, and is destined

to bring about a tremendous reform in the art of healing.

It is true that among the causes of disturbance in nerve function, medical science does mention spinal lesions, but it has taken cognizance only of the serious ones, arising as a result of serious injuries, through concussion or compression after railway accidents. The many smaller, though just as important, spinal lesions, which occur daily in the lives of millions of people, have never been given any serious attention or study.

On the other hand, Chiropractic has taken recognition of these innumerable smaller spinal lesions, as they so often occur as a result of exterior influences upon the muscles, tendons and ligaments of the vertebral col-

umn, or also as a result of reflex action upon the nerve centers in the spinal cord, through pronounced mental changes and excitation, and has made a correction of these innumerable spinal lesions the basis of "The Science of Adjustment."

Medical Science recognizes, as has already been intimated, the more important spinal lesions as a cause of disturbance of nerve function and consequent disease processes in the organs supplied by these nerves. Chiropractic looks upon the vastly more frequent and smaller spinal lesions as a cause of the disturbance in their function, and consequently the development of disease processes in the organs supplied by the nerves. Allopathy deems itself to be acting in

a scientific manner when it endeavors to correct the greater spinal lesions, and through such correction the establishment of freedom of nerve function by doing away with the nerve interference. It may safely be said that Chiropractic is proceeding upon an absolute scientific basis when it seeks to re-establish nerve function **at the root,** or at the point of exit of these nerves from the vertebral column through the inter-vertebral foramina, and when it endeavors in this way to bring about the spontaneous cure of many either acute or chronic diseases in the organs.

This principle of Chiropractic finds abundant explanation and proof in the science of Mechanics and Electro-

Technique, as well. In the distribution of fluids or gases through a system of tubes it can plainly be seen that pressure exerted upon any of the tubes or vessels must necessarily produce a weakening of the current and a consequent failure of a normal supply of the parts to which such gases or fluids are distributed. A very homely though apt illustration of the principle is found in the diminishing stream from a garden or lawn hose when it is stepped upon.

Again, the dependence of the various organs of the body upon the central nervous system can well be compared with the dependence of the electric lamp upon the central station of an electric light-plant. For through pressure upon nerves by way of a

spinal lesion, or subluxation, there occurs a disturbance and a weakening of the conductivity of the electric nerve current to the organ, just in the same way as we find a weakening or a dying-out in the light of an electric lamp when the flow of the electric stream is interrupted through disturbance in the electric wires. And just as we find in this case a dimmed or dying light, as a result of a weakened electric stream, so do we find in the human body, whenever the slightest "subluxation" exists, a disturbance and a weakening in the organs supplied by the nerve stream.

The comparison between the electric nerve current with the current in the electric wires is absolutely correct, because it has been demonstrat-

ed that the nerves, particularly the numberless ganglionic cells in the brain, are radio-active, and give off emanations of radium at all times. The radio-activity of the nerves is easily proven by an instrument called the radioscope.

Farthermore, scientific experiments have proven that the nerve-wave is of an electrolytic nature, which means that the nerve current is really nothing more or less than a siege of myriad ions, or, in other words, atoms and radicals resulting from electrolytic dissociation, which are transmitted along the nerves. The electric manifestations of nerves can be proven by an instrument called the galvano-meter.

These explanations show that from

the standpoint of physiology, anatomy, biology, and physics, nothing can be said in successful contradiction of the Chiropractic principles here enunciated, for this Chiropractic principle is nothing more or less than a natural consequence of the application of scientific facts and findings, and therefore, in itself, a **scientific principle.**

If science and its followers will study this Chiropractic principle disinterestedly, all will be forced to recognize these facts, particularly since Chiropractic has, through the observation of the principles herein presented, achieved such phenomenal results in its practical application.

The Relation of the Chiropractic Principle to Life and Development according to the latest Researches of Science

---

What Significance have Nerve Currents upon the Phenomena of Life and Growth in Man?

The characteristic principle of all the phenomena of life is based upon the periodic absorption and elimination of substances, or, in other words, it rests upon the tissue changes of living matter in its environment.

In this periodic absorption and elimination of matter lie the life and

the growth of every living thing. These processes are included under the term "metabolism."

Medical science teaches us that normal metabolism is dependent upon normal nerve function. The question is: What significance and result has the electric nerve current upon metabolism, or, upon the processes of growth and development in man?

At the bottom of all phenomena of change, development and growth in universal and human nature, lie one or both of the following substances: Certain crystalline solutions and certain albuminous carbon compounds, called plasmodic colloidal

solutions. The formation and combination of these crystalloids and colloids comprise the great law of substances which holds good in all the various phenomena of Nature—it is the highest cosmological basis which finds expression not only in the vegetable and the animal world, but in the mineral and stellar kingdoms as well.

A study of the observations which follow will not only be interesting from the standpoint of science but also in the practical bearing these facts have upon the underlying principles of Chiropractic.

Crystallography and Mineralogy teach us that from the crystalline masses, at their point of concentra-

tion*[1] or supersaturation,*[2] a formation of crystals and ores takes place, which grow and make good the loss due to their concentration and decomposition. Science speaks, therefore, of "the life of crystals."

Petrography teaches us the development of volcanic rock through the concentration and cooling off of the fiery crystalline stream. The concentration of these crystalline preparations in the earth is brought about through the electro-magnetic earth

---

*1. In physical chemistry concentration is referred to as "the ratio between the number of molecules of the substance and of the solvent in a given volume, in a dissolved substance."

*2. In chemistry a supersaturated solution is referred to as "the solution of a salt in a liquid carried beyond the normal degree of saturation." The addition of more salt to such a solution or even a slight jar will suddenly produce crystallization.

current, just as the concentration of a salt solution in a chemical combination is brought about through the electric or other flame, causing the formation of salt crystals at the point of concentration. Or, in the same manner as the concentration which takes place in the milk through the electricity given off during a thunder-storm, and in which the formation of cheesy substances occurs at the point of concentration.

Meteorology now teaches us that on account of the greater power of attraction of the sun, the meteoric rock should really not fly toward the earth but toward the sun. On account of this contradiction the science of meteorology abandoned its erstwhile teaching, whereby this meteoric

rock was supposed to consist of torn-off particles from some other planet, falling to the earth, and teaches instead that this meteoric rock is a result of the concentration of certain gaseous solutions in the atmosphere. These certain gases rise in the air in parts of the earth which are particularly rich in certain minerals, and bring about a gaseous mixture which is concentrated under the influence of the electricity of the air, and at the point of concentration a solid electrolytic substance, called meteoric rock, is created with the accompaniment of light. The phenomenon is ordinarily known as "falling or shooting stars."

Farther, the latest discoveries in the physiology of plants point toward

a colloidal solution, which forms as a result of the decomposition of the earth or rock around and about the root of the plant, and through which decomposition there is created, or formed, a root acid. (This phenomenon is particularly interesting from the standpoint of the growth of a tree growing out from a rock.) The earthy solution concentrates under the influence of plant electricity, and gives off, at the point of concentration, so-called "Flimmerzellen" (ciliated cells), which cells find lodgment in the root, grow together with it, and form the first so-called root layer. It can be seen, therefore, that the root grows from the surrounding concentrated rock. This is a highly interesting phenomenon, and

such development is called the assimilation of inorganic with organic substances, the border line between mineral and plant life.

Science further explains the assimilation of insects in the leaves or calices of carniverous plants. The insect is decomposed through the acid from the leaves, and is then brought in solution, and a "colloidal" substance is formed. This colloidal solution concentrates under the influence of plant electricity, and after the point of concentration has been reached there are brought forth laminated cells, which are precipitated upon the leaves, grow together, and form the latest layer of the leaf, and so it can be seen that the leaf itself

grows at the cost of the appropriated insect.

In exactly the same way do the latest researches in physiology explain the growth of animals and man, namely, at the cost of their appropriated nourishment, for plants, animals and man have their being under the same laws of development. Man grows, blossoms and withers, like a flower. The appropriated nourishment is split up through the gastric and intestinal j u i c e s, and thus brought into solution. A colloidal substance is the result. This is concentrated under the influence of the animal electricity in the nerves of the digestive tract, as proven by Prof. Jezack in the year 1889. At the point of concentration there are separated

from this solution mucous membrane cells, which become organized, and form the latest layer of the mucous membrane of the stomach. One might speak here with perfect propriety, therefore, of a normal birth of cells, going on painlessly.

In the foregoing I have proven how the above-mentioned cosmological law of Nature, namely, that metabolism and development are based upon either crystalline or colloidal solutions, rules the mineral kingdom, the plant and animal world, and the celestial bodies, and I have indicated how modern Science looks upon the phenomena of mineral and animal life from a unit or monistic standpoint. It must not be forgotten, however, that before these crystalline or

colloidal solutions bring about a new product, concentration must take place. In order to have this concentration take place **electricity** is necessary, and this electricity is found to be universal; it is present in the terrestrial and celestial bodies, as well as in the plant and animal kingdom.

This electricity which is necessary for the concentration of these solutions, must be quantitatively of a certain degree, in order to bring out certain results in the solution upon which it acts, for every chemist knows that when his chemical flame for the concentration of a certain solution has 85 or 95 degrees instead of 90, that he will get a different result than he would with 90 degrees of heat.

If we transfer this same fact unto the concentration of the stomach or other tissue solutions or solvents, our physiological chemist will tell us that the cell products of the tissue solution will be abnormal, if the electric nerve current necessary for the concentration of the solution is abnormal, that is, if it is either too weak or too strong. In this way one might well speak of an abnormal or normal birth of tissue cells. An abnormal cell birth indicates pain or discomfort, somewhat the same as the mother experiences a great amount of pain in the abnormal birth of the child.

Abnormal cell products will naturally organize themselves into abnormal tissues, but an organ with abnor-

mal tissue is an abnormal organ, in other words, a diseased organ. To put it into still different phraseology, the anatomical structure of the tissues will be changed, and a pathological tissue will be the result.

The reader will readily understand that the electric nerve current will always be too weak **when it is interfered with through a spinal lesion,** just the same as the electric current is too weak to light the lamp properly when the wire or current is interfered with.

Upon the other hand, the electric nerve current will be too strong when the reflex centers of the brain and spinal cord are abnormally influenced to reflex action through great mental emotions, and psychopathic

disturbances. If these emotions are great enough to lead to nerve shock, we will have an interference with the electric current, just the same as when we get a short circuit in electricity. The result of a temporary or permanent destruction of the nerve current will necessarily mean partial or complete paralysis.

Now in the same manner that the chemist uses, in the above-mentioned illustration, a regulated flame for the purpose of a proper concentration of this solution, so does the Chiropractor regulate the disturbed nerve current for the purpose of a normal concentration of the tissue solutions and solvents. This regulation consists in the obliteration of the interference with the nerve current, in other

words, with the doing away of spinal lesions through **"adjustment."** For inasmuch as the Chiropractor does away with the spinal lesions in a purely manipulative manner, the electric nerve current can pass freely and easily to the organs and the concentration of the solutions can be regulated in such a manner that healthy, normal growth takes place, and that is the same thing as natural, physiologic, spontaneous, drugless healing.

And thus I have deduced, from the latest standpoint of science, the significance of the electric nerve current in the life and growth of man, and how the controlling action of such nerve current upon the metabolism of the tissues is to be understood.

I have, farthermore, shown that the Chiropractor is **the** real physiological chemist, who brings about, by virtue of his "adjustment," the obliteration of nerve interference, and regulates, in this manner, the metabolism, in other words, the very processes of life.

And, finally, I have proven that Chiropractic is in exact accord, in its results, with the latest researches in science, and that it has, for the last fifteen years, anticipated and used, in a practical way, that which science has only lately discovered.

Modern scientific research has established the postulate that **everything** which is in process of growth (including minerals) is also **alive.** Life and growth are only two words

for one and the same bio-chemical process, by virtue of which, from a concentrated crystalline or colloidal solution, substances are spontaneously brought forth, and coalesce.

And so science does not look upon life as an immaterial entity or power; in the opinion of many of the best observers even that entity or power known to us as "spirit," "soul," etc., must occupy space; it must have dimensions; it must have substance; it must have the attributes of "being," and science must deal with it accordingly. For purposes of practical application Science does not inquire into the essence of life, but into its **processes.** It endeavors to answer the question: "How do new materials develop out of concentrated solutions?"

The Action of Drugs and the Results of Medicine in the Light of Chiropractic

Under the last heading I explained the latest results of scientific research, particularly in Germany, in as brief a manner as possible, and I showed that sickness and perverted cell growth are one and the same thing, and that such abnormal cell development stands in positive relation with abnormal concentration of tissue solutions or substances, as a result of quantitative and qualitative change in the electric nerve current.

I showed, farthermore, that Chiropractic, in its aim to do away with

disease, is proceeding upon an absolutely correct and scientific basis, inasmuch as through its process of **adjustment** of the spinal lesions, it aims to do away with interference of nerve currents, and brings about the normal electric nerve current necessary for the concentration of tissue solutions.

In the light of these explanations it will also become easy, on the other hand, to understand the results of the action of medicaments.

Whereas Chiropractic endeavors to regulate the necessary nerve stream for the proper concentration of tissue solutions, and thus endeavors to do away with the cause of disease, medical science does, upon the other hand, endeavor to change the dis-

eased tissue substance through drugs. It is true that the concentration of the solutions will be changed in this manner, but it remains a fact that the tissue cells which are changed at their point of concentration, through drugs, must necessarily remain still more abnormal, and still more diseased, than they were in the first place, and before these drugs were given. We would then have what we might call "double abnormal cells," and these will as surely organize themselves as normal cells, but into an abnormal and extraneous pseudo-cell matrix, which must necessarily furnish the disposition for a new disease certain to take place sooner or later, particularly if the administration of the respective

drug is kept up for any length of time. An excellent practical illustration of this danger is found in the continued administration of the so-called "salicylic acid" preparations in rheumatism and the thousands of cases of heart disease the administration of these drugs has caused.

A patient who is taking medicine, and as a consequence, experiences no pain where pain was present before taking such medicine, is apt to believe himself cured, but this supposition rests upon error. Any cure, or so-called "cure," brought about by medicine, can only be an apparent, a pseudo cure, because drugs can do nothing more or less than to bring about the obliteration of pain present in all abnormal cell births, just in the

same manner as the injection of morphine will do away with the pain experienced by the mother during difficult child-birth. The development of the cells, even after a change has taken place through drugs, remains the same as before, namely, an abnormal one, just the same as a hampered child-birth remains an abnormal one, notwithstanding the injection of morphine, and all this simply because in both instances **the cause** of the trouble has not been obliterated.

The proof of the correctness of the proposition that "from a tissue solution poisoned with medicine there must be a development of abnormal cells", is found in chemistry and biology, when to a salt solution, for in-

stance, is added another crystalline solution. Such a mixed solution will not form pure crystals in its concentration, but changed crystals of different form and habitus.

Farther proof can be adduced from the science of plant physiology through the following experiment. If a mixture of mercury and other reagents is injected into the sap of a tree, the concentration of the sap solution of the tree will be changed in such a manner that after the breaking out of the bud, there will be red, or abnormally yellow, leaves, instead of green leaves. In addition to that the tree will be poisoned, and will not blossom at all the second Spring after such injection.

The poisoning of the tree through

a change in its sap solution, by means of mercury, is an example of the poisoning of the colloids and tissues of the human body, with poisonous drugs.

Here is added proof of how the latest results of scientific research protest against the time-honored principle of the use of drugs as the paramount factor in the art of healing.

The foregoing observations plainly show that in its warfare against disease, Chiropractic is proceeding in a scientific and natural manner, whereas orthodox medical science, in as far as it endeavors to "cure" disease through drugs, proceeds in an unscientific and unnatural way.

Why has Chiropractic been Ignored by the Medical Men of the United States?

A partial answer to the above question may be found in the circumstance that until very lately Chiropractic has not been taught in a strictly scientific manner. The explanations of its truly wonderful results have not been given the advantage of sound reasoning. One Chiropractic school teaches, for instance, that a so-called "mental impulse" rules the function of the organs of the human body, and that this "mental impulse" is entirely immaterial in nature. According to the philosophy

of this school this ego—this innate entity—is attributed with unlimited force or power; power to transform elements without regard to physical laws. This school ignores and refutes all that science has learned of the combination of substances, of chemistry, and of physiological changes. For example, if some abnormal changes occur, such as a deposit of calcareous (chalky) nature in a joint, this supposed ego, or innate force would have power to take that abnormal deposit and "wheel it over," as it were, to some part of the body where such calcareous substances are lacking. Any fifth grade school child knows such claims to be contrary to all physiological laws. It goes without saying that this "ego,"

"spirit," or "mental impulse," or whatever it may be called, has power to act only in accordance with physiological and chemical laws governing matter. Something which is said to be nothing; something without space or substance cannot be considered from the standpoint of science, for we cannot "consider" or think about "nothing," and "nothing" cannot act on material elements and on the human body. Hence, if an element or substance has power to act on material elements, it must occupy space, which means that it must be "substantial" and have its function according to physiological laws carried on within the human body and the universe generally. Denial of such a conclusion is contrary to scientific-

ally proven facts which plainly show that the organs of the human body are regulated by an electric nerve current, which has been demonstrated, without question. The immaterial "mental impulse" theory is rubbish. Teaching which includes such dribble must be condemned as absolutely unscientific and untrue. If, according to the above-mentioned school, this immaterial spiritual impulse were supposed to regulate the material development of the universe, there would then have to be an immaterial "earth-spirit," or what might be termed a terrestrial spirit, an air spirit, a mineral spirit, and a plant spirit; just the same as one speaks of a human spirit. To-day such a conception is not accepted and

must be considered as belonging strictly into the realm of fairy-tales. When such theories are taught by Chiropractic schools in the country, it is no wonder that scientific men in the United States should ignore Chiropractic, and look upon it as unscientific humbug. Chiropractic science can not take the place which it really deserves in the art of healing, as long as such teaching is carried on by bigotted, uneducated men, who take themselves seriously in the annunciation of such fallacies as that of the regulation of the development of the human body through immaterial "mental impulse."

It is plain that the school referred to does not differentiate between stimulus and the process which must

govern effort; to speak of spirit and body, of a purely physiological, biochemical process, which is the same in the mineral kingdom, the so-called "terrestial" bodies, and in the plant and animal world, and at the same time speak of a purely immaterial mental process is preposterous.

In the first mentioned material and natural process, we can speak only of the material electric current as the factor of concentration, but in the second immaterial mental process—if this could be scientifically accepted, there can be no objection, if the above mentioned school figures with this immaterial m e n t a l impulse. Of course, it is a fact that mental processes can and do influence life and

development in man, as is proven daily by either an abnormal amount of joy or sadness, hate, love, passion, etc. But it is absolutely impossible that such mental and immaterial impulses can be influenced through a material subluxation in the spine. A school that enunciates such a principle contradicts itself, for it teaches that the mental impulse due to sudden fear or excitement, can bring about in man an immediate pain in the stomach, or even a diarrhoea, and at the same time it gives as a reason for these occurrences that in such cases the stomach or the intestines had been predisposed, through previous weakness. But it is supposed that this previous weakness of the stomach, or the intestines, was

brought about on account of the fact that the mental impulse could not reach the part, owing to pressure of nerves, due to a subluxated spine.

The contradiction is plain: On the one hand this school permits this immaterial mental impulse not to reach the organ on account of a subluxation, and lets the organ become weakened, and diseased, and on the other hand it permits this self-same immaterial mental impulse, brought about by fear, to go through the subluxated spine, with a consequent pain in the organ. According to this there would have to be two kinds of mental impulses, namely coarse ones and fine ones, and that would be still worse and still more unthinkable.

Purely mental processes belong

into the realm of psychology, and speculative learning. I would recommend, therefore, that such schools would do away with philosophy in its teaching, and place itself squarely upon an **experimental** basis.

But there is still another reason why Chiropractic has not been able to stand before the forum of science, and this reason is found mainly in the one-sidedness of several Chiropractic schools in that they teach that the **only** cause and cure of any and all diseases, is to be found in the spine. Such narrowness determines also the unintelligible and ridiculous manner of the examination of patients in these schools, and by its graduates, in that the usual and highly scientific methods of general diag-

nosis are not employed at all, but that they simply examine the spine, and p r o c e e d to administer the "thrust" in any place where it is supposed that there is a subluxation, according to the relative position of the spinous processes. I should have said that one teacher and school referred to above, adjust where there is supposed to be a faulty position in the spinous processes. I use the word "supposes" guardedly, for the reason that I cannot understand how anyone can simply, upon a slightly abnormal position of the spinous processes, jump to the conclusion of an actual subluxation, without at the same time rather thinking of a possible deformity of the spinous processes; and we would say, without fear of success-

ful contradiction, that the examination of the spine which depends only upon the position of the spinous processes, is not to be depended upon. What is very much worse is the injury which is likely to befall the patient when the thrust is given in the form of the brutal "recoil" upon a vertebra, the spinous processes of which may in themselves be slightly deformed, without any subluxation, because in this way a subluxation can easily be brought about, where there was none before.

The above mentioned one-sided use of the Chiropractic principle is still more apparent when it is considered that not only through a subluxation in the spine, but **in the entire course of the nerves** from the spine to the

organ, there may be an irritation through contracted muscles, ligaments, and other tissues. For this reason a patient should not alone be examined for subluxations in the spine, but also for contracted muscles and ligaments. As long as this is not done, Chiropractic is incomplete. I highly recommend to these schools, therefore, the farther development of the Chiropractic principle, instead of trying to build up new mechanical laws, such as the "recoil" upon the spine, etc., and let this be done before such procedures as the recoil will disgust the profession and the public entirely.

I was amazed to see the most fundamental principles in the care of sick persons, such as diet, for example,

not only ignored, but frowned upon. According to such teaching it makes no difference what a person eats. Such common observations as that a farmer will feed his chickens with different food, depending upon as to whether he wants to fatten them for the market or to have them produce more eggs, are given no heed. The most elementary principles of physiology are given no attention. The important fact that an oversupply of nitrogenous substances, as meat, being the besetting sin of the American people, counts for naught. The great factor of hydro-therapy and the wonderful part it may play in elimination, is here a closed book. In short, the a, b, c of the Art of Healing, namely, to "convert" the sick person

to a normal method of living in order to keep him well after Chiropractic adjustment has corrected the actual injuries, finds no place in the curriculum. The drastic "recoil" movement is the alpha and the omega, the beginning and the end, the only therapeutic method enunciated.

I went away from Davenport, the starting place of Chiropractic, with a certain feeling of dissatisfaction, and I would not have dared to put Chiropractic before the scientific men of my own country, Germany, in the manner in which I heard it enunciated in Davenport, had not my lucky star taken me to the National School of Chiropractic, in Chicago.

In this school I found, to my great satisfaction and joy, that the discrep-

ancies and mistakes which I have above mentioned, had already been eradicated, and to my astonishment did I observe the principles of Chiropractic carried out in entire accord with the latest researches of Natural Science.

I learned here an entirely new and original mode of examination of the spine, called spinal "palpation," which makes it possible for the student to make an absolutely certain spinal analysis without the necessity of the X-ray.

Here I saw the human body thoroughly examined for contracted muscles and ligaments, and I learned farther that, aside from spinal adjustment, thorough attention was paid to the eradication of nerve irri-

tation brought about by contracted muscles and ligaments.

By virtue of such development of the Chiropractic principle, it is very natural that this school makes use of other manipulative methods which science and experience have proven to be of great value. And this is another reason that the National School stands upon an absolutely scientific basis.

It follows, very naturally, that this school and its students and graduates, can and do show the most wonderful results.

It appears to me that it would be a joy for the deceased discoverer of Chiropractic, if he could see how the first crude principle he enunciated

has been developed by his intellectual heirs in the National School of Chiropractic, in Chicago. It is plainly shown here, as in all other discoveries, that all new principles are much farther developed by the followers of such principles than they could have been by the first discoverer. If we would all be guided by the first crude observations along any line of discovery, instead of going boldly forward and improving upon it, science would be at a standstill.

I sincerely trust that this truth may be the spur for Chiropractors generally to develop the Chiropractic principle farther and farther, and to bring it more and more into accord with natural science, and that this is not a difficult matter has been thor-

oughly demonstrated in this present work.

And if this is done, there is nothing that will prevent the universal adoption of the Chiropractic principle, both by men of science, as well as by the public at large.

Announcement

Prof. Moehringer has in preparation a new book on the "Contradictions of Medical Science," so-called. In this work he will discuss, in detail, the mistaken conclusions in physiology upon which the orthodox practice of medicine is largely based, particularly in the physiology of the blood, the capillary vessels, the function of the kidneys, the physiology of respiration, the physiology of the heart, the teaching of the theory of the pulse, etc., etc.

The facts are that many of the hitherto accepted theories are being overthrown. The researches of Hermann, Overton, Tiegerstaedt, and many others clearly show this,

and this forthcoming work will explain all these very thoroughly.

The knowledge of these contradictions will be a mighty weapon for all Drugless Healers in the fight which medical men wage against them. It will certainly raise the Drugless Healer in the estimation of the people, and particularly of the Courts, when he can prove the incorrectness of the teachings of the attacking medical men. The medical man is not in a position to contradict what Dr. Moehringer shall publish, and he will not be able to take the high and mighty stand which he has thus far taken, because the evidence will be on the side of the Drugless Healer.

Mention is made of this forthcoming work at this time because it will be epoch-making in the fight against orthodox medical science. An enemy can only be successfully vanquished when he is attacked in his weakest place. The bitterness of the orthodox medical man against any new ideas, aside from

his own, has become proverbial—it is in direct ratio to the thickness of the moss and dust upon his antiquated theories. This next work will handle the contradictions of medical science "without gloves." In this way the Drugless Healer will, at the same time, be made conversant with the latest results of scientific research, and this, in turn, will have the effect of putting him upon a well-deserved scientific footing in the estimation of his clientele.

The National School of Chiropractic will be the publisher of this book, and formal announcement will be made later.

RZ
241
M69
1914